

Notice of Allowability

Application No.

10/609,060

Examiner

Tanh Q. Nguyen

Applicant(s)

ZHANG ET AL.

Art Unit

2182

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment filed 05/21/07.
2. ☒ The allowed claim(s) is/are 11-24.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

TANH Q. NGUYEN
PRIMARY EXAMINER
TECHNOLOGY CENTER 2100

Tanh Q. Nguyen
August 14, 2007

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with the Attorney for Applicant, Kevin L. Smith (Reg. No. 38,620) on August 14, 2007 to include a limitation that would preclude Junod et al. (US 5,824,621) from being used as prior art.

The application has been amended as follows:

11. (Currently Amended) A host-side wireless interface that services a host computer and at least one wireless user input device, the host-side wireless interface comprising:

a host interface that operably couples to the host computer;

a processing unit operably coupled to the host interface;

a non-volatile memory operably coupled to the processing unit;

a wireless network interface operably coupled to the processing unit and to the host interface that wirelessly couples the host-side wireless interface to the least one wireless user input device;

wherein during a configuration operation, the host-side wireless interface sends a Remote Name Request to the at least one wireless user input device and

configuration information from the at least one wireless user input device is stored in the non-volatile memory and is also transferred to the host computer via the host interface; and

wherein during a subsequent boot mode operation, the configuration information is retrieved from the non-volatile memory and used in servicing the at least one wireless user input device.

18. (Currently Amended) A computer system comprising:

a host computer;

at least one wireless user input device; and

a host-side wireless interface that includes:

a host interface that operably couples to the host computer;

a processing unit operably coupled to the host interface;

a non-volatile memory operably coupled to the processing unit; and

a wireless network interface operably coupled to the processing unit and to the host interface that wirelessly couples the host-side wireless interface to the least one wireless user input device;

wherein during a configuration operation, the host-side wireless interface sends a Remote Name Request to the at least one wireless user input device and configuration information from the at least one wireless user input device is stored in the non-volatile memory and is also transferred to the host computer via the host interface; and

wherein during a subsequent boot mode operation, the configuration information is retrieved from the non-volatile memory and used in servicing the at least one wireless user input device.

Allowable Subject Matter

2. The following is an examiner's statement of reasons for allowance:

The prior art, individually or in combination, does not teach a configuration operation in which the host-side wireless interface sends a Remote Name Request to the at least one wireless user input device and configuration information from the at least one wireless user input device is stored in the non-volatile memory of the host-side wireless interface, and the configuration information is retrieved from the non-volatile memory and used in servicing the at least one wireless user input device in a subsequent boot mode operation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

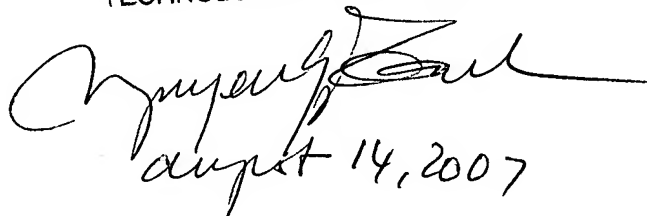
Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tanh Q. Nguyen whose telephone number is 571-272-4154. The examiner can normally be reached on M-F 9:30AM-7:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kim Huynh can be reached on 571-272-4147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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August 14, 2007

TQN
August 14, 2007